

U.S. PCT Application Serial No.: 10/519,680
Docket No.: 263378US0PCT

STATEMENT OF RELEVANCY

- 1) References AA, AB, AE-AH have been cited in the International Search Report. Copies of these references are being submitted herewith only when not automatically provided by the International Searching Authority.
- 2) References AD, AI-AK have been cited in the corresponding European Search Report. A copy of these references is being submitted herewith.
- 3) References AC, AL-AAX are discussed in the specification. A copy of these references is being submitted here with.
- 4) References _____ are additional prior art known to Applicant. A copy of these references is being submitted herewith.

Docket No. 263378US0PCT



JCO3 Rec'd PCT/PTO 22 MAR 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Claudio SOTO-JARA, et al

SERIAL NO: 10/519,680

FILED: January 7, 2005

FOR: BETA-SHEET BREAKING PEPTIDES



GAU:

EXAMINER:

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 263378US0PCT		SERIAL NO. 10/519,680	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Claudio SOTO-JARA, et al.			
				FILING DATE January 7, 2005		GROUP	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	AA	01/34631	05/17/01	WO		NO	
	AB	01/07473	02/01/01	WO		NO	
	AC	96/39834	12/19/96	WO		NO	
	AD	02/064734	08/22/02	WO		NO	
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AE	WEINSTEIN, B. "Chemistry and Biochemistry of Amino Acids, Peptides and Proteins, Passage," Chemistry and Biochemistry of Amino Acids, Peptides, and Proteins, vol. 7, pages 266-357, XP002032461 1982					
	AF	SOTO, Claudio et al. "Inhibition of Alzheimer's Amyloidosis by Peptides that Prevent beta-Sheet Conformation", Biochemical and Biophysical Research Communications", vol. 226, no.3, pages 672-680, XP002050229 1996					
	AG	PERMANNE, Bruno et al. "Reduction of amyloid load and cerebral damage in a transgenic mouse model of Alzheimer's disease by treatment with a beta-sheet breaker peptide", The FASEB Journal, vol. 16, no. 8, pages 860, 862, XP002265906 2002					
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	AK	PODUSLO, Joseph F. et al. "Beta-sheet Breaker Peptide Inhibitor of Alzheimer's Amyloidogenesis with Increased Blood-Brain Barrier Permeability and Resistance to Proteolytic Degradation in Plasma", Journal of Neurobiology, vol. 39, no.3, pages 371-382, XP009008758 1999					
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	AM	YANKNER, Bruce A. et al. "Beta-Amyloid and the Pathogenesis of Alzheimer's Disease", The New England Journal of Medicine, vol. 325, no. 26, pages 1849-1857 1991					
	AN	GLENNER, George G. et al. "Alzheimer's Disease: Initial Report of the Purification and Characterization of a Novel Cerebrovascular Amyloid Protein", vol. 120, no. 3, pages 885-890 1984					
	AO	MASTERS, Colin L. et al. "Amyloid plaque core protein in Alzheimer disease and Down syndrome", Proc. Natl. Acad. Sci., vol. 82, pages 4245-4249 1985					
	AP	DAVIES, L. et al. "A4 amyloid protein deposition and the diagnosis of Alzheimer's disease: Prevalence in aged brains determined by immunocytochemistry compared with conventional neuropathologic techniques", Neurology, vol. 38, pages 1688-1693 1988					
	AQ	SOTO, Claudio et al. "Structural Determinants of the Alzheimer's Amyloid beta-Peptide", Journal of Neurochemistry, vol. 63, pages 1191-1198 1994					
	AR	SISODIA, Sangram S. et al. "Role of the beta-amyloid protein in Alzheimer's disease", FASEB J., vol. 9, pages 366-370 1995					
	AS	YANKER, Bruce A. et al. "Nerve growth factor potentiates the neurotoxicity of beta amyloid", Proc. Natl. Acad. Sci., vol. 87, pages 9020-9023 1990				<input checked="" type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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	AT	SOTO, Claudio. "Plaque busters: strategies to inhibit amyloid formation in Alzheimer's disease", Molecular Medicine Today, vol. 5, pages 343-350 1999					
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	AW	KOWALL, Neil W. et al. "An in vivo model for the neurodegenerative effects of beta amyloid and protection by substance P", Proc.Natl. Acad. Sci., vol. 88, pages 7247-7251 1991					
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	AZ	WISNIEWSKI, Thomas et al. "Molecular Biology of Brain Aging and Neurodegenerative Disorders", Acta Neurobiol. Exp., vol. 56, pages 267-279 1996					
	AAA	MAURY, C.P.J. "Biology of Disease: Molecular Pathogenesis of beta-Amyloidosis in Alzheimer's Disease and Other Cerebral Amyloidoses", Laboratory Investigation, vol. 72, no. 1, pages 4-16 1995					
	AAB	JORDAN, Barry D. "Chronic Traumatic Brain Injury Associated with Boxing", Seminars in Neurology, vol. 20, no. 2, pages 179-185 2000					
	AAC	GRAHAM, D.I. et al. "Altered beta-APP Metabolism After Head Injury and its Relationship to the Aetiology of Alzheimer's Disease", Acta Neurochir., supp. Vol. 66, pages 96-102 1996					
	AAD	KANG, Jie et al. "The precursor of Alzheimer's disease amyloid A4 protein resembles a cell-surface receptor", Nature, vol. 325, pages 733-736 1987					
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	AAF	ROBAKIS, Nikolaos K. et al. "Molecular cloning and characterization of a cDNA encoding the cerebrovascular and the neuritic plaque amyloid peptides", Proc. Natl. Acad. Sci., vol. 84, ages 4190-4194 1987					
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	AAH	MANN, D.M.A. et al. "An Analysis of the Morphology of Senile Plaques in Down's Syndrome Patients of Different Ages Using Immunocytochemical and Lectin Histochemical Techniques", Neuropathology and Applied Neurobiology, vol. 15, pages 317-329 1989					
	AAI	RUMBLE, Baden et al. "Amyloid A4 Protein and its Precursor in Down's Syndrome and Alzheimer's Disease", The New England Journal of Medicine, vol. 320, no.22, pages 1446-1452 1989					
	AAJ	MANN, D.M.A. "Alzheimer's disease and Down's syndrome", Histopathology, vol. 13, pages 125-137 1988					
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	AAK	SEUBERT, Peter et al. "Isolation and quantification of soluble Alzheimer's beta-peptide from biological fluids", Nature, vol. 359, pages 325-327 1992					
	AAL	SHOJI, Mikio et al. "Production of the Alzheimer Amyloid beta Protein by Normal Proteolytic Processing", Science, vol. 258, pages 126-129 1992					
	AAM	MORI, Hiroshi et al. "Mass Spectrometry of Purified Amyloid beta Protein in Alzheimer's Disease", The Journal of Biological Chemistry, vol. 267, no. 24, pages 17082-17086 1992					
	AAN	MILLER, David L. et al. "Peptide Compositions of the Cerebrovascular and Senile Plaque Core Amyloid Deposits of Alzheimer's Disease", Archives of Biochemistry and Biophysics, vol. 301, no.1, pages 41-52 1993					
	AAO	THOMAS, Philip J. et al. "Defective protein folding as a basis of human disease", TIBS, vol. 20, pages 456-459 1995					
	AAP	SOTO, Claudio et al. "Alzheimer's and prion disease as disorders of protein conformation: implications for the design of novel therapeutic approaches", J. Mol. Med., vol. 77, pages 412-418 1999					
	AAQ	SERPELL, L.C. et al. "The molecular basis of amyloidosis", CMLS, vol. 53, pages 871-887 1997					
	AAR	SIPE, Jean D. "Amyloidosis", Annu. Rev. Biochem, vol. 61, pages 947-975 1992					
	AAS	GHISO, Jorge et al. "Unifying Features of Systemic and Cerebral Amyloidosis", Molecular Neurobiology, vol. 8, pages 49-64 1994					
	AAT	SOTO, Claudio et al. "Reversion of prion protein conformational changes by synthetic beta-sheet breaker peptides", The Lancet, vol. 355, pages 192-197 2000					
	AAU	SOTO, Claudio et al. "The alpha-Helical to beta-Strand Transition in the Amino-terminal Fragment of the Amyloid beta-Peptide Modulates Amyloid Formation", The Journal of Biological Chemistry, vol. 270, no.7, pages 3063-3067 1995					
	AAV	YANKNER, Bruce A. "Mechanisms of Neuronal Degeneration in Alzheimer's Disease", Neuron, vol. 16, pages 921-932 1996					
	AAW	LEVINE, Harry III. "Thioflavine T interaction with synthetic Alzheimer's disease beta-amyloid peptides: Detection of amyloid aggregation in solution", Protein Science, vol. 2, pages 404-410 1993					
	AAX	TRIGUERO, Domingo et al. "Capillary Depletion Method for Quantification of Blood-Brain Barrier Transport of Circulating Peptides and Plasma Proteins", Journal of Neurochemistry, vol. 54, pages 1882-1888 1990					
	AAZ						
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